

PATENT CLAIMS

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1. Method at a data and telecoommuncations system for transmission of data streams between a receiving terminal ~~(101)~~ and a transmitting terminal ~~(105)~~ via at least one fixed network ~~(102)~~ including just any number of nodes and another network consisting of links with large variation in bandwidth and quality, at which a resource reservation protocol reserves resources in said fixed network (102) for said data streams, c h a r a c t e r i z e d in that said protocol attends to that, if the transmission capacity of a node, preferably the node ~~(106)~~ closest to said other network, decreases, and the quality requirement of a specific data stream fails to be kept up, said specific data stream is thrown, whereupon said node by means of said protocol transmits a message which is executed in other nodes where said resource reservations are, to said transmitting terminal ~~(105)~~, which message includes the steps of:

- updating said resource reservation for said specific data stream;
- utilizing said resource reservation temporarily for other traffic;
- throwing said specific data stream until different is stated.

2. Method according to patent claim 1, c h a r a c t e r i z e d in that if the transmission capacity in said node increases and the quality requirement for said specific data stream is fulfilled, said specific data stream shall be transmitted again, at which said node by means of said protocol transmits a message to said second nodes, where said resource reservations are, towards

a said transmitting terminal ~~(105)~~, which message includes the steps of:

- 5 - updating the resource reservation for said specific data stream;
- using said resource reservation for said specific data stream.

a 10 3. Method according to patent claim 1 ~~or 2~~, characterized in that said other network is a radio network including at least one radio channel.

15 4. Method according to patent claim 3, characterized in that said node constitutes an interface towards said radio channel, at which said radio channel sets the limit regarding how many data streams that can be transmitted from said transmitting terminal ~~(105)~~ to said receiving terminal ~~(101)~~.

20 5. Method according to ~~some of the previous patent claims~~ ^{claim 1}, characterized in that it is utilized at hierarchical coding of said data streams.

25 6. Method according to patent claim 1, characterized in that, at multicast traffic, said specific data stream in said other node as close to said transmitting terminal ~~(105)~~ as possible, is thrown without other receiving terminals ~~(103)~~ of the multicast traffic being affected, whereby said fixed network ~~(102)~~ is not loaded by said specific data stream, which in any case is thrown at said node lacking capacity.

a 30 a 7. Method according to ~~some of the previous patent claims~~ ^{claim 1}, characterized in that said node in said fixed network ~~(102)~~ which constitutes radio interface towards

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